

Claims

1. A surgical implant system for treating female urinary incontinence, the system comprising:
 - 5 - at least one suspending device having an upper end and a lower end, the upper end capable of being fastened on an internal anatomical tissue structure to the side of and above the urethra, and
 - a urethral support structure for implantation transversely relative to the urethra, the support structure comprising a fastening device removeably
10 attached to the suspending device for movement along the upper end of the suspending device to adjust the position of the support structure.
2. The system according to Claim 1, wherein the suspending device comprises a
15 threadlike structure.
3. The system according to Claim 2, wherein the threadlike structure is a monofilament.
4. The system according to Claim 3, wherein the monofilament has at least one
20 depression embedded therein, the depression being engageable with at least one locking projection on the fastening device.
5. The system according to Claim 4, wherein the fastening device comprises at
25 least one spring tongue, and the at least one locking projection is arranged thereon.
6. The system according to Claim 5, wherein the fastening device comprises two
locking projections opposite each other and moveable away from each other by
lateral pressure exerted on the fastening device.
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7. The system according to Claim 1, wherein the at least one suspending device further comprises a tissue anchor.

8. The system according to Claim 7, wherein the tissue anchor further comprises at least two wings.
- 5 9. The system according to Claim 8, wherein the wings are movable from a configuration extending substantially parallel to the longitudinal axis of the at least one suspending device to a configuration extending transversely with respect to the longitudinal axis of the at least one suspending device.
- 10 10. The system according to Claim 8, wherein the wings are made of tape-like textile material.
11. The system according to Claim 8, wherein the tissue anchor has a sleeve-shaped structure of textile material under the wings.
- 15 12. The system according to Claim 1, further comprising a trocar instrument for introducing the at least one suspending device.
13. The system according to Claim 12, wherein the trocar instrument has a sleeve with a proximal end and a beveled distal end.
- 20 14. The system according to Claim 13, wherein the trocar instrument is curved.